



McCLUNG-LOGAN
EQUIPMENT COMPANY, INC.

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[W02008336]
Machine Id
VOLVO A30F 82256
Component
Transmission (Auto)
Fluid
MOBIL ATF (11 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W02008336)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ML0002464	VCP166120	---
Sample Date		Client Info		21 May 2024	08 Jul 2014	---
Machine Age	hrs	Client Info		14598	758	---
Oil Age	hrs	Client Info		2000	2	---
Filter Age	hrs	Client Info		2000	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>85	42	7	---
Chromium	ppm	ASTM D5185m	>2	<1	<1	---
Nickel	ppm	ASTM D5185m	>4	<1	1	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m	>5	0	0	---
Aluminum	ppm	ASTM D5185m	>45	30	4	---
Lead	ppm	ASTM D5185m	>25	0	4	---
Copper	ppm	ASTM D5185m	>625	63	5	---
Tin	ppm	ASTM D5185m	>30	6	0	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

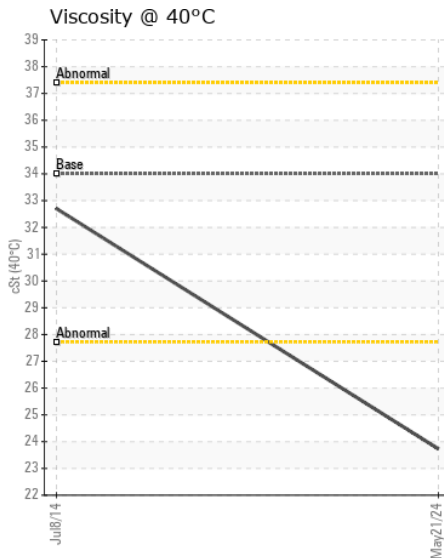
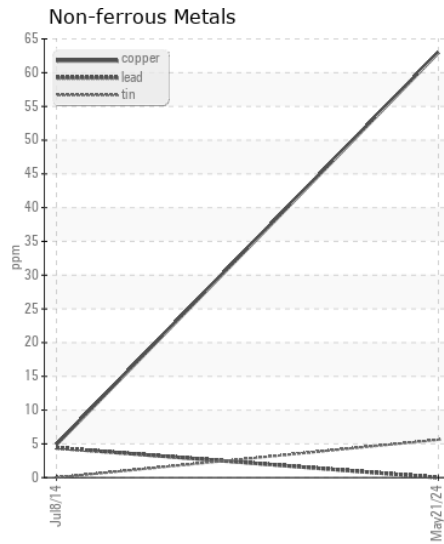
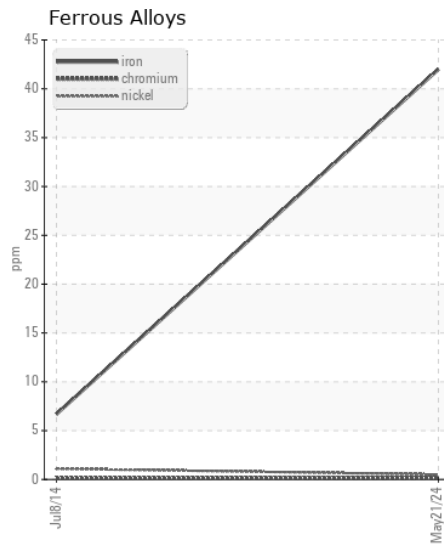
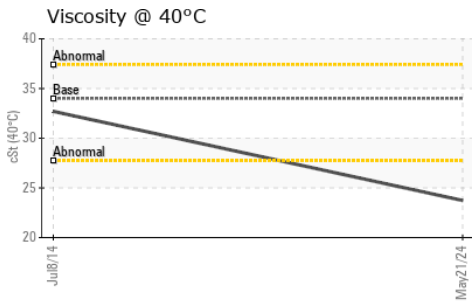
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	15	3	---
Potassium	ppm	ASTM D5185m	>20	0	12	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	0.2%	---

FLUID CONDITION

The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		5	2	---
Boron	ppm	ASTM D5185m		93	82	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		2	<1	---
Manganese	ppm	ASTM D5185m		1	1	---
Magnesium	ppm	ASTM D5185m		5	3	---
Calcium	ppm	ASTM D5185m		174	156	---
Phosphorus	ppm	ASTM D5185m		278	249	---
Zinc	ppm	ASTM D5185m		20	83	---
Sulfur	ppm	ASTM D5185m		2281	1164	---
Visc @ 40°C	cSt	ASTM D445	34	23.73	32.7	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ML0002464
Lab Number : 06190858
Unique Number : 11047610
Test Package : CONST

Received : 24 May 2024
Tested : 03 Jun 2024
Diagnosed : 03 Jun 2024 - Jonathan Hester

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To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)